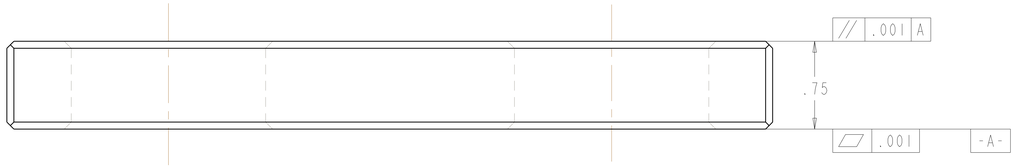
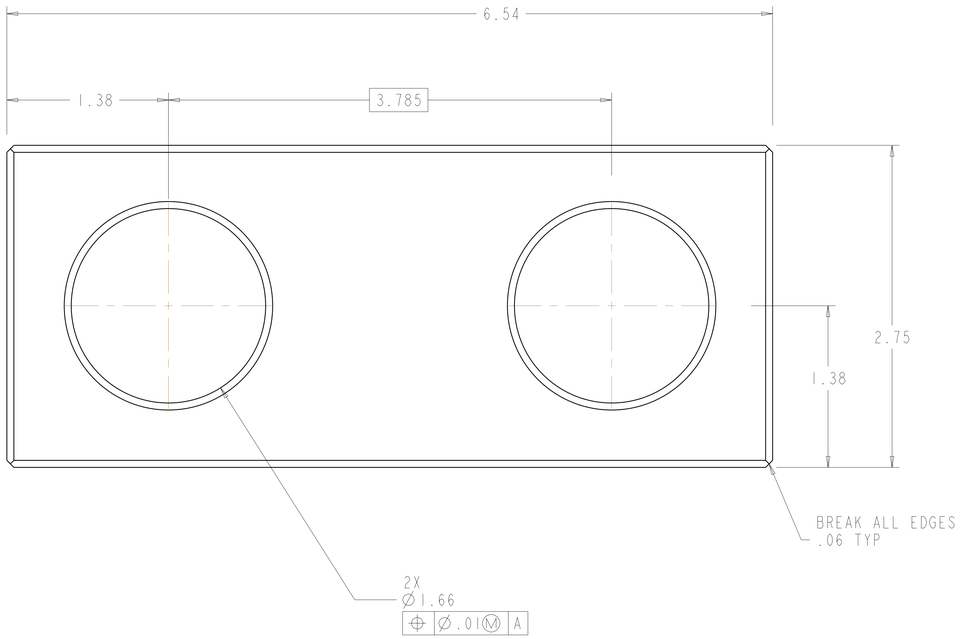
NOTES:

1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M.
3. DIMENSIONS ARE IN INCHES.
4. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80K
5. SEE LATEST REVISION OF SPECIFICATION NCSX-CSPEC-141-03 FOR ADDITIONAL REQUIREMENTS.





1 SCALE 2.00

Rev 2-a: ECN-5059R3 revised flatness and parallelism tolerances from 0.001" to 0.005". Applicable to Type C4 through C6 bearing plates. Type C1 through C3 are accepted "as is".

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: ? Jerry Siegel 2006.04.20 09:51:02 -05'00'

2

AR	X		-1	BEARING PLATE	STELLALLOY 5	1
SE141-103	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST		

SE141-137 B

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
2	MATERIAL CHANGE PER ECN-5105	DEW	3/06	MJC			DEW					
1	REVISE DRAWING PER ECN 5059	GLL	12/05	MJC			DEW					

REVISION OR ISSUE PURPOSE — REVISION APPROVAL

SCALE AS NOTED

TOLERANCES UNLESS OTHERWISE SPECIFIED

FRACTIONS
XX DECIMALS ±.01
XXX DECIMALS ±.005
ANGLES ±0° 15'
BREAK SHARP EDGES .06 MAX
FINISH 125 UNLESS OTHERWISE SPECIFIED

DRAWING APPROVALS	DATE
DES B. NELSON	10-05
DRW M. COLE	10-05
CHK D. WILLIAMSON	10-05
SECT :	:
DEPT :	:
PE D. WILLIAMSON	10-05
CR :	:
PJ :	:
REQ :	:
PPPL DRFT J. SIEGEL	10-05
:	:
:	:

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

MCWF POLOIDAL BREAK
BEARING PLATE DETAIL
TYPE "C" SHORT

VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
1	X-10	5700	3	1	1	S	U

RELEASE LEVEL: Fabrication — SE141-137 — REV 2

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